

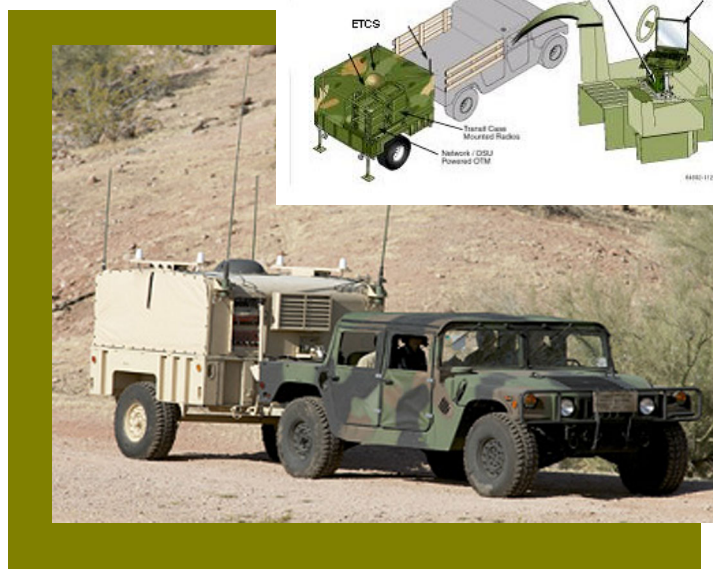
MARINE CORPS WARFIGHTING LABORATORY

Purpose: To provide an On the Move (OTM), Over the Horizon (OTH) Combat Operations Center (COC) to the infantry battalion commander for surface and vertical employment during Ship to Objective Maneuver (STOM).

Background: STOM operations require the ability to rapidly maneuver over an expanded littoral battlespace. The STOM battlespace is non-linear, without secure rear- unit COCs. This environment requires COCs that can operate OTM, to include voice and data communications. Since the command element COC is seabased, they will also require OTH communications. The Lab's Sea Viking campaign, a STOM focused experimentation series, will require an OTM/OTH COC capability both for experimentation in a 2006 Limited Objective Experiment (LOE). In order to provide this capability, the Lab is partnering with Marine Corps Systems Command (MCSC), the Office of Naval Research (ONR) and industry to develop an experimental OTM/OTH DCOC.

Description: The Lab is partnering with MCSC's Unit Operations Center (UOC) and Expeditionary Fighting Vehicle programs, ONR's Littoral Combat Power Projection Future Naval Capability program, and General Dynamics to explore integration of the Lab's OTH Expeditionary Tactical Communications System (ETCS) and on the move capable C2 systems (C2PC/AFATDS) into battalion COC platforms. Platform options are an integrated towed trailer COC and multiple wirelessly-connected Interim Fast Attack Vehicles (IFAV) or HMMWVs. The HMMWV variant was completed in July of 2004 and the IFAV variant is planned for initial testing in July of 2005. Integration of ETCS and the CONDOR Communication Gateway into the IFAV will provide OTH/OTM communications to the surface and vertical maneuver element commander

ON THE MOVE COMBAT OPERATIONS CENTER *fact sheet*



Milestones: A Limited Test Assessment (LTA) will be held in September of 2005. The OTM COC will participate in the Sea Viking Experimentation Campaign throughout 2005 and 2006.

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